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FIG. 3 (PRIOR ART) LOCAL SWITCH MEMORY MAP

	Loon	C ONLION MENON	1 600		
		156	158	160	
154			/	∫ •••	
	SUBSCRIBER Files N (9999)	FREQUENCY FILES N (1000)	LATA Buffers	LOCAL BUFFERS	
162 164 166 168	① FILE # I (0.000) ② TELEPHONE # ③ SUBSCRIBER AND PAGER ID CODE ④ SERVICE OPTIONS ⑥ NO SERVICE ⑤ LOCAL ⑥ REGIONAL ⑥ NATIONAL ⑥ ABOVE WITH REPEAT PAGING	I FILE I (1000) 2 0-15 FRE- QUENCIES USED IN REGION COR- RESPONDING TO FILE #	INBOUND LATA BUFFER 180	INBOUND PAGES 0 1 2 3	184
170 172 174 176 178	① DATA SERVICE ② EXTERNAL DATA ③ SUBSCRIBER NAME/ACCOUNT ⑥ ACCOUNT # ① PAGE COUNT (L,R,N) ⑧ # OF DATA CHARACTERS SENT ③ DESTINATIONS AREA CODE(S)		OUTBOUND LATA BUFFER	5 	186
	FILE # N (9999)	FILE # N (999)		9	57
					ID CODE BUFFERS

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FIG. 4 (PRIOR ART) SWITCH MEMORY LATA 196 194 192 190 LOCAL BUFFERS LATA MEMORY **OPTIONAL** OPTIONAL | HUB 188~ ID BUFFERS INBOUND ALL PAGER ID **PAGES** OUTBOUND CODES OF LOCAL#1 PAGES 102 ALL CALL ALL CALL 198 -OUTBOUND PAGES BUFFER BUFFER LOCAL # 1 **PAGES** PAGES FROM FROM LOCAL HUB SWITCHES SWITCH INBOUND 204 **PAGES** 200 ALL PAGER ID CODES
OF LOCAL # N (26) OUTBOUND

LOCAL # N (25)

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FIG. 5. HUB SWITCH MEMORY MAP

		,,,,,		
	206	208	210	212
-	HUB BUFFERS	LATA BUFFERS	LATA CODE TABLES N (100)	HUB ROUTING CODES N (1000)
	INBOUND HUB#1	INBOUND LATA # [LATA	ROUTING CODE 1,2,3,4,5,6 (312)
1		218	CODE 222 # 1	
	. —		·	
114				
•	INBOUND (6)	INBOUND LATA # N (100)	-	
	OUTBOUND HUB I.	OUTBOUND LATA		
•		220		
216				
			LATA	
	OUTBOUND	OUTBOUND LATA # N (100)	# N (100)	ROUTING CODE M (999)

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Θ <u>©</u> PACKET SIZE ORIGINATION DESTI-SWITCH NATION ADDRESS SWITCH ADDRESS 9 THE FIVE LAYER MODIFIED X.25 PACKET NUMBER OF PAGES IN PACKET **(** (PRIOR ART) 9 PAGE | L-COUNTRY-CITY CODES AREA CODES. PAGE 2 DESTINATION(S) MESSAGE DETAIL PAGE 3 SPECIAL COMMANDS PAGE 4 PAGE PAGE N FILE SIZE

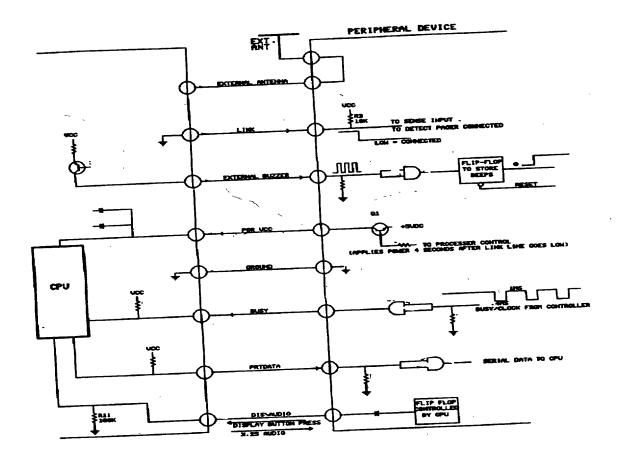
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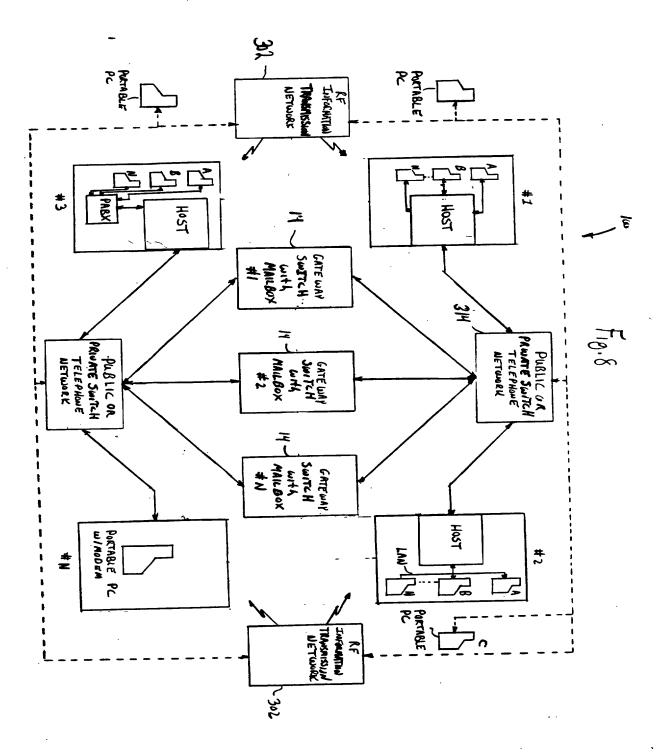
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Fig. 7 (PRIOR ART)



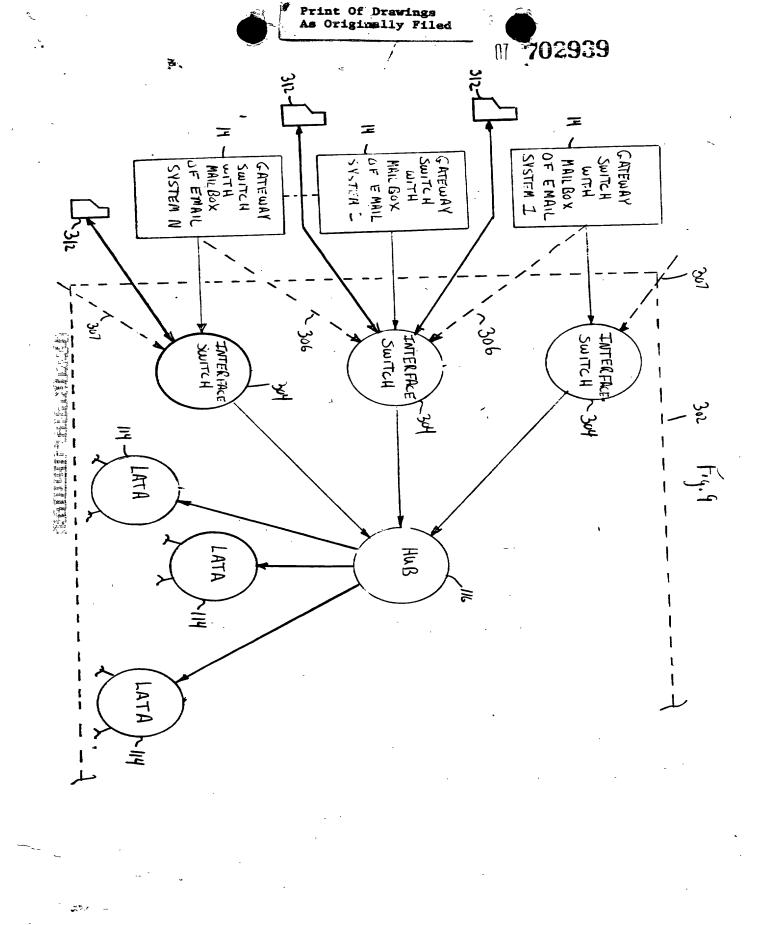


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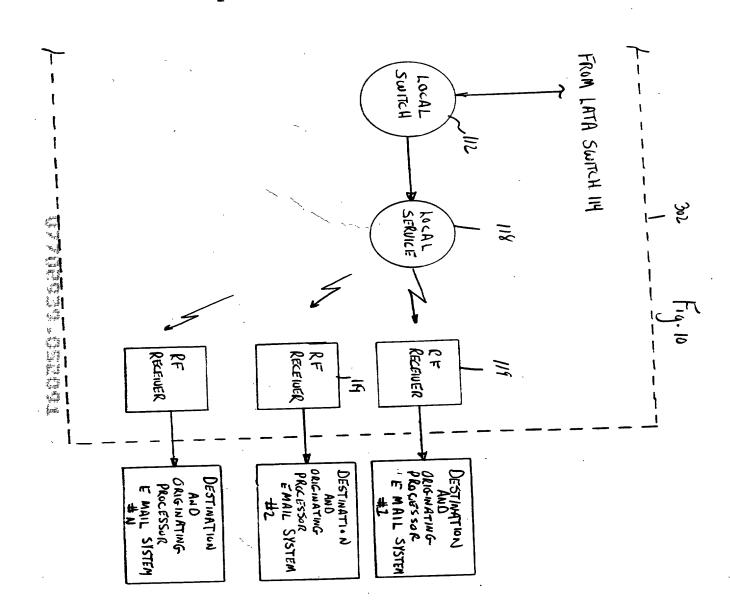
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ELECTRONIC MAIL MESSAGE ENTRY METHODS

7	٥	.	4	.	N	-	Entry
Adds destination processes, operator points to desplayed icon, anguents No-Action process aids wireless destination and . ID, (by comparing destination to D table).	Adds destination processify operatur points todasplayed icon, an suating processing adds wireless destination.	points to displayed icon, Adds	Adds Cestuation pracessor des	Adds destmetion procession	Adds interface (wireless) destination and ID of receiver 19	Adds interface (wireless) destination and destination processor	Originating PRocessor
No-Action	No-Action	Adds ID of receiver 119 No-Action other	Adds wireless destination and ID of receiver 14	Adds wireless destination.	No-Action	No-Action	Gateway Switch H
No-Action other Han 10 VERIFICATION	Adds ID of receiver 119	No-Action other than IC VERIFICATION	No action other than ID verification.	Adds ID of receiver 19	No action other than ID verification.	Adds ID of RF receiver 119	Interface Switch 304

